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cc "director@raquettelake.com" <director@raquettelake.com>

bcc

Subject Call to discuss Wampus

Gene abd Stephanie, are you both available to talk tomorrow morning @10:00? See attached summary, as you requested Gene.

Jim

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Please visit ERM's web site: <http://www.erm.com> Lot 1 Closure Cost Estimate (DEP).doc

RCRA RECORDS CENTER
FACILITY Wampus Milford
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DRAFT TABLE 1 – Scope of Work & Cost Estimate Summary for Closure under the RSRs – Lot 1, 80 Wampus Lane, Milford, CT.

Task No.	Description	Assumptions/Status	Estimated Task Costs (Some activities may not be required, based on response to DEP Letter)
1	Preliminary Activities – Needed to Satisfy CT DEP & EPA, and provide background information to finalize RSR compliance strategy	<ul style="list-style-type: none"> Respond to December 2008 letter (the Letter) from CT DEP & EPA; Determine RCRA unit closure/financial assurance requirements (Dave Ringquist & Mark Latham) Generate RSR-compliant Scope of Work & Schedule for Lot 1 & Lot 2, submit to CT DEP for approval; Notify building tenants regarding VOCs in soil gas; H&S Plan Update & modifications; Baseline round of groundwater sampling (20 wells) 	Estimated Total for Task 1 - \$32,150 (from Previous Proposal)
2	Collection of supplemental data to meet RSR requirements, as requested by CT DEP & EPA in December 2008 Letter	<p>CT DEP & EPA requested in the December 2008 letter that additional data be collected in a few AOCs at the Site to supplement data generated previously. Specifically, the following samples may have to be collected to satisfy CT DEP if ERM is unable to convince CT DEP that existing data is sufficient:</p> <p>AOC-2</p> <ul style="list-style-type: none"> Collect one soil sample from the former post-excavation sample PE-E location in AOC-2 (Former Landfill Area) will be collected and analyzed for hexavalent chromium (the original PE-E sample contained total chromium at a level that could potentially exceed the applicable Industrial/Commercial Direct Exposure Criteria (DEC) for hexavalent chromium; Collect one soil sample from a depth of 4-6 feet (below water table) at former TB-15 location, where TPH was detected above the I/C DEC by HRP in 1998 Upon confirming the location of the two samples/areas where HRP had reported PCE above the I/C DEC in post-excavation samples, two additional soil samples may be required. <p>AOC-3</p> <ul style="list-style-type: none"> Collect one soil sample each from two former post-excavation sample locations (WLBPE-2 & WLBPE-12) – samples to be analyzed for hexavalent chromium (the original samples contained total chromium at a level that could potentially exceed the applicable I/C DEC for hexavalent chromium; Collect 2 confirmatory soil samples from location of WLDPE-3 for TPH analysis <p>Soil Vapor – (Multiple AOCs)</p> <p>Collect additional soil gas samples (8) outside of the 2006 survey area to confirm extent of the Proposed I/C SVVC exceedances for TCE. The area in question, based on current data, appears to cover approximately 50,000 ft², located in the western portion of the Site building, and encompasses portions of AOC-4, AOC-6 and AOC-14.</p>	Estimated Total for Task 2 - \$9,200

DRAFT TABLE 1 – Scope of Work & Cost Estimate Summary for Closure under the RSRs – Lot 1, 80 Wampus Lane, Milford, CT.

Task No.	Description	Assumptions/Status	Estimated Task Costs (Some activities may not be required, based on response to DEP Letter)
3	Post-Remediation GW Monitoring	<p>Once CT DEP and EPA are satisfied that the Site soils have been adequately addressed (investigated and remediated in accordance with the RSRs), and the DP system is in place, groundwater monitoring will be required for a minimum of two years (minimum requirement under the RSRs for Sites in GB classified GW areas). This assumes that the CT DEP will not require any of the RCRA groundwater monitoring related to the closed surface impoundments (13 years of 30 year program remaining). The scope will likely entail the following:</p> <ul style="list-style-type: none"> Two years of GW monitoring to satisfy RSR requirements. Quarterly frequency is typical but CTDEP has approved semi-annual frequency for the first year, followed by a final year of quarterly monitoring required for RSR compliance. Compliance monitoring to involve sixteen overburden and four bedrock groundwater monitoring wells for the following parameters (VOCs, SVOCs, *select metals & cyanide) for first year, depending on the nature of the area each well is monitoring; Compliance monitoring would not commence until VOCs below Site building were in compliance with RSRs (remediated and/or ELUR), or until the DP system was operating (an engineered control) – If needed, based on potential regulatory program changes. Reporting would be annually, as required under the RSRs, in letter format. <p>* - Metals analysis based on historical data generated for soil and groundwater since 1997.</p>	<p>6 rounds of sampling over 2 years - Yr 1- Semi-annual, Yr 2 - quarterly (Minimum RSR Requirement)</p> <p>Estimated Total for Task 4 - \$82,960 (over 2 years)</p>
4	Finalize and Document Site Closure under the RSRs and General Project Management	<p>Once the soil and groundwater at the Site are demonstrated to be in compliance with the RSRs, the next and final step in the process will include the LEP-of-Record to generate a request for approval from CT DEP for closure of the Site under the RSRs and RCRA CA. This Site is currently being managed under the direct oversight of CT DEP and EPA Region 1, and closure under the RSRs can not be Verified by the LEP. The activities will include:</p> <ul style="list-style-type: none"> General Project Management Activities Finalize and file ELURs; Generate Final Closure Report; 	<p>Estimated cost for Task 5 - \$15,750</p>
			Total Estimated Project Cost - \$140,060 (Over 4 years)

General Assumptions:

- Costs do not include any work related to issues resident on Lot 2, except for sampling of monitoring wells located on Lot 2, which are downgradient from Lot 1 AOCs;
- Only 2 years of groundwater monitoring will be required;
- ELUR to include one additional day of location survey

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